

Factory address: Kavosh blvd. , 12km of Qazvin-Karaj highway, Iran Post Code: 3365166341

Tel: +982636173000-19 +982634996900 Fax: +982127583435



www.mapnabe.com

Mailbox@mapnabe.com

Waste Heat Recovery Boiler (WHRB)

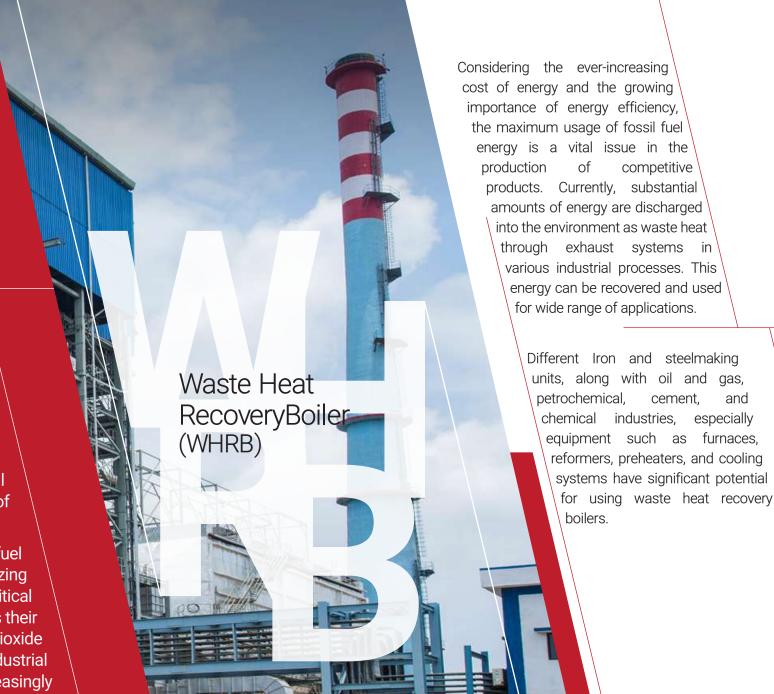
Waste Heat Recovery
Boilers (WHRB) are
among the key products
of MAPNA Boiler, which
are offered to various
industries based on the
technical expertise in
design and construction
of Heat Recovery Steam
Generators (HRSG) to
capture and reuse waste
heat from industrial
processes.

The recovered heat in these boilers can be used to produce hot water, saturated steam, superheat steam and even steam power generation cycle.

Due to the diversity of energy in terms of sources temperature, flow rate. suspended particles. analyses and continuity of smoke flow, WHRBs can be custom-designed and manufactured in various different sizes and specifications in a unique and exclusive way to meet specific requirements.

In some cases, exhaust gases industrial processes from contain suspended particles and different pollutants. For these scenarios, WHRB packages are equipped with online cleaning and various systems, requirements are considered in the design of their thermal surfaces and the selection of appropriate materials.

> In addition to reducing fuel consumption by utilizing recovered energy, a critical benefit of WHRB systems is their role in lowering carbon dioxide emissions industrial facilities—an increasingly important goal aligned with international environmental commitments.



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